

**SOCIETY FOR DEVELOPMENTAL BIOLOGY**

9650 Rockville Pike  
Bethesda, MD 20814-3998

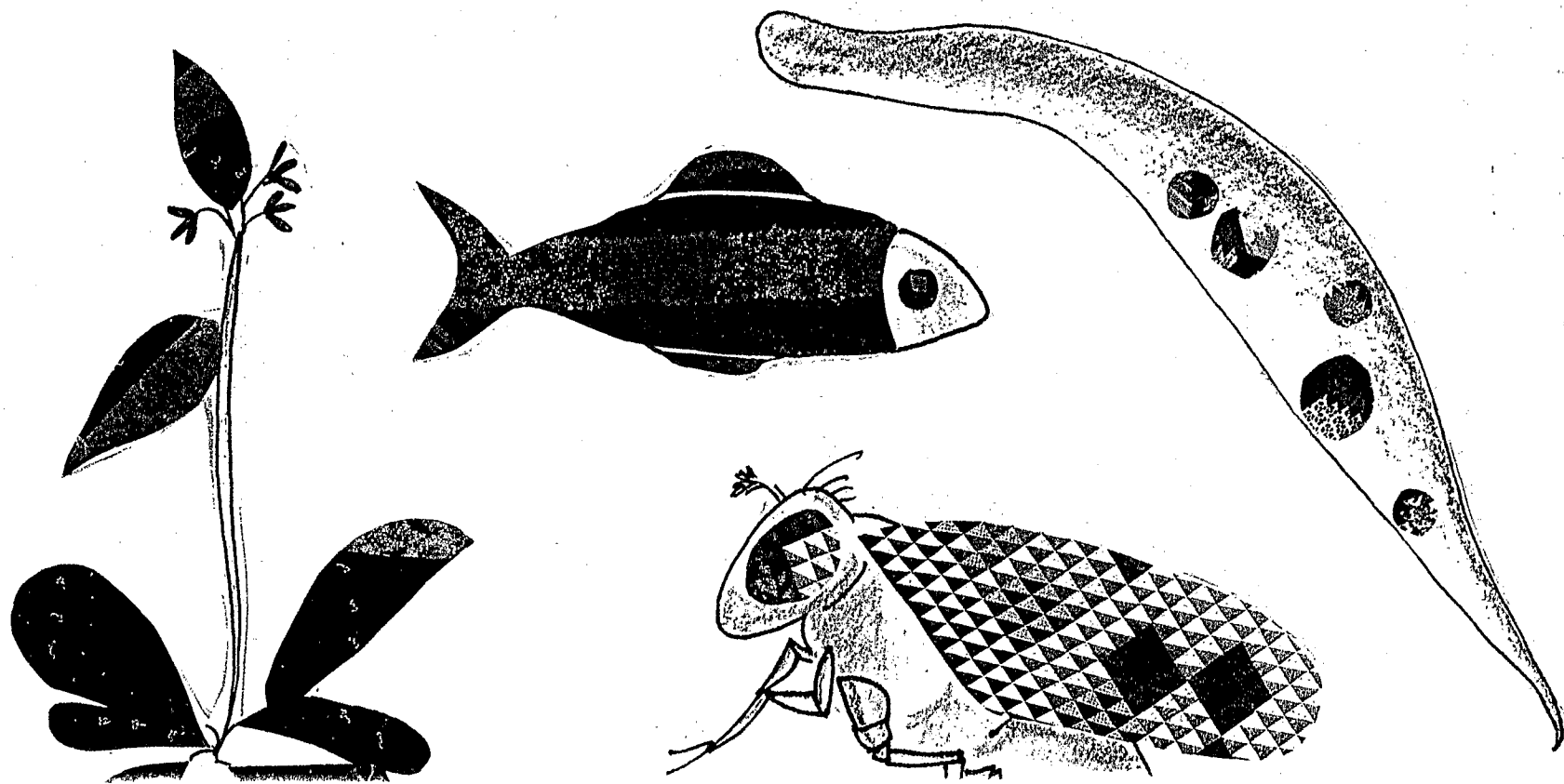
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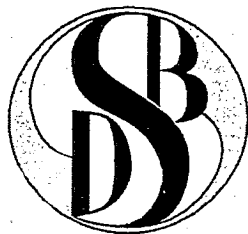
# PATTERNING MECHANISMS IN DEVELOPMENT

SOCIETY FOR DEVELOPMENTAL BIOLOGY

May 30 - June 4, 1996

VANDERBILT UNIVERSITY, NASHVILLE, TN





SOCIETY FOR  
DEVELOPMENTAL BIOLOGY  
ESTABLISHED IN 1939

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Dear Colleague:

I am writing to invite you to join us for the 1996 Society for Developmental Biology (SDB) Annual Symposium to be held from May 30 to June 4 at Vanderbilt University in Nashville, TN.

The theme of the 1996 meeting will be "Patterning Mechanisms in Development". The meeting will feature a keynote lecture by Walter Gehring on the genetic control of eye development and evolution, the presentation of the 1996 Edwin G. Conklin Medal in Developmental Biology, plenary sessions entitled "Evolution of Developmental Mechanisms" (B. Swalla, Chair), "Signalling and Patterning Mechanisms" (B. Hogan, Chair), "Localization and Determinants" (W. Jeffery, Chair), "Patterning in Embryogenesis" (C. Wright, Chair), "Molecular Analysis of Regeneration" (S. Bryant, Chair), "Plant Development" (J. Croxdale, Chair), and "Molecular Basis of Organogenesis" (P. Krieg, Chair), minisymposia entitled "Fertilization and Egg Activation in Mammals" (R. Schultz, Chair), "Transcriptional Control of Development" (W. Klein, Chair), "Developmental Genetics" (E. Raff, Chair), and "Morphogenesis" (C. Erickson, Chair), and Workshops on Educational (J. Heady and R. Nuccitelli, Chairs) and Minority Issues. In addition to the usual poster sessions, the 1996 meeting will feature contributed papers selected from submissions by SDB members. The details for preregistration and submission of presentations for the poster and contributed paper sessions are included in this package.

I look forward to seeing you in Nashville.

William R. Jeffery  
President

Program Organizer  
William R. Jeffery

Local Organizing Committee  
Brigid L. M. Hogan  
William R. Jeffery  
Billie J. Swalla  
Christopher V. E. Wright

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TELEPHONE: 301-571-0647 • FAX: 301-530-7049 • E-MAIL: SDB@FASEB.ORG



**SOCIETY FOR DEVELOPMENTAL BIOLOGY**  
**55th. Annual Symposium**

May 30 - June 4, 1996  
Vanderbilt University, Nashville, TN

**SYMPOSIUM REGISTRATION INFORMATION**

The Registration Fee for all Symposium Participants includes:

- \* Entry to all Scientific Sessions
- \* Entry to Exhibits
- \* Welcome Reception
- \* Concluding Banquet
- \* Mixers at Posters
- \* Refreshment Breaks
- \* Program and Abstract Book
- \* Participants Directory

**HOUSING AND MEAL REGISTRATION INFORMATION**

Inexpensive and comfortable housing is available on the VU campus within a short walking distance of the Symposium site. Campus housing is sold as a package plan only: five nights starting Thursday (May 30) night and ending Tuesday (June 4) noon. The package plan includes four breakfasts and four lunches, from Friday to Monday, all served at a nearby cafeteria. Single or double rooms are available. Rates for Housing/Meal package are on the enclosed registration form. Please copy registration form if necessary.

Guests accompanying the Symposium participants may have their own room or share a room with the Symposium participant, and rates are included in the registration form.

There will be a \$25 charge for any unreturned room keys.

The pre-registration deadline for on-campus housing is April 4, 1996. Registration requests received after that date are subject to availability. Refunds are available only for housing/meal plan cancellations made in writing and received by the SDB National Office before May 15, 1996. Room assignments will be issued on-site.

Subject to room availability, symposium participants and accompanying guests may stay in campus housing before and after the conference. Room rates per person, per night, for these additional nights are noted on the registration form. Please note: Additional nights do not include meals.

**RECREATION**

All Campus housing is located near University recreation centers which offer an indoor Olympic size pool, racquetball, basketball, squash, badminton, tennis, and volleyball courts. Tennis courts are located next to the housing complex (please bring your own racquet and balls). In addition, there are areas for aerobic and weight training, rock climbing, wrestling, gymnastics, indoor and outdoor running tracks, table tennis and pool. All recreation facilities are free for registered participants.

Vanderbilt is located in the beautiful historic city of Nashville. You will find this city to be a splendid melange of historic architecture and southern charm with modern buildings and the culture of a major performing arts metropolis. Nashville boasts dozens of dinner theaters, music and dance halls such as the Grand Ol' Opry, and gourmet and home-style meals, all in the friendly southern tradition. Surrounding areas offer opportunities for hiking, whitewater rafting and kayaking.

## Information Regarding Poster Presentation

- The poster board size is approximately 4' by 6'.
- A label with the title, authors, and affiliations should be posted on the top of the poster space.
- Charts, drawings, and illustrations should be easy to read from about a 3 foot distance.
- Post a copy of your abstract if desired.
- Do not write or draw on the poster boards.

Presenters wishing to use a VCR **must** include a written request with their abstract submission. Presenters will be billed for electrical hookup and equipment rental. Fees must be paid in advance, before equipment is delivered.

One of the 1995 poster judges recommended the following reference on presentation of posters: John D. Woolly, (1989). "Combating Poster Fatigue: How to Use Visual Grammar and Analysis to Effect Better Visual Communication," *Trends in Neuroscience*, vol 12 (9):325-333.

## Information Regarding Poster Competition

### *Eligibility requirements are:*

- 1) The **first** author must be a current SDB member and an undergraduate, or a graduate student, or a first, second, or third year postdoctoral fellow.
- 2) The submitted abstract must have a check in the box requesting participation in the poster competition.

### *Guidelines for evaluating the posters:*

- 1) Quality of Science:
  - Logic and motivation for study
  - Documentation of results
  - Quantification
  - Conclusions appropriate from the data
  - References cited where necessary
- 2) Impact on the field
- 3) Innovativeness of approach
- 4) Usefulness of a new technique
- 5) Appropriateness of the study organism for addressing the issue
- 6) Clarity of presentation and ease of reading
- 7) Number of authors on the poster
- 8) Whether the first author is a student or a postdoctoral fellow
- 9) The intellectual input of the first author (judged in part by talking to the author and in part by analysis of other posters from the same lab).



**SOCIETY FOR DEVELOPMENTAL BIOLOGY**  
**55th SYMPOSIUM REGISTRATION FORM**  
Vanderbilt University, Nashville, TN  
May 30-June 4, 1996

**Participant Information**

Mr./Ms./Dr./Family Name \_\_\_\_\_ First Name \_\_\_\_\_

Institution \_\_\_\_\_ Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_ E-mail \_\_\_\_\_

Female \_\_\_\_\_ Male \_\_\_\_\_ (Please check one to assist with housing assignments)

**Symposium Registration**

Participant	Member _____	By 4/4/96	After 4/4/96	Subtotal
	Student Member _____	US \$ 100	US \$ 120	
	Non-member _____	US \$ 60	US \$ 65	
	Student Non-member _____	US \$ 130	US \$ 150	
		US \$ 70	US \$ 75	
(Non-member fees include membership for the balance of 1996)				

**Housing and Meal Registration**

	Quantity	Symposium Participant	Accompanying Person(s)	Subtotal
Single Room w/meals	_____	US \$ 210/person	US \$ 210/person	_____
Single Room (no meals)	_____	Not Available	US \$ 145/person	_____
Additional Single Rm./night (no meals)	_____	US \$ 30/person	US \$ 30/person	_____
Double Room w/meals	_____	US \$ 165/person	US \$ 165/person	_____
Double Room (no meals)	_____	Not Available	US \$ 100/person	_____
Additional Double Rm./night (no meals)	_____	US \$ 20/person	US \$ 20/person	_____

Name(s) of Accompanying Person(s) \_\_\_\_\_

Preferred Roommate (for those choosing a double room) \_\_\_\_\_

Arrival Date \_\_\_\_\_ Departure Date \_\_\_\_\_

**\*\*\*NOTE: THERE WILL BE A \$25 CHARGE FOR ANY UNRETURNED ROOM KEYS -- NO EXCEPTIONS WILL BE MADE.**

Concluding Banquet Tickets for Guests Not Registered for the Symposium  
(Symposium Participant's Ticket included in registration)

Quantity	Before 5/25/96	After 5/25/96	Subtotal
_____	US \$ 25	US \$ 45	_____

**TOTAL** \_\_\_\_\_

**Payment Information**

No cash will be accepted as a form of payment. You may enclose a Money Order, Cashier's Check, Personal Check, or a Check from your Institution. You may also make a credit card payment through VISA, MASTER CARD or AMERICAN EXPRESS. (No other credit cards will be accepted.)

Form of Payment (check one): Money Order \_\_\_\_\_ Check \_\_\_\_\_ Amount of Payment in US: \_\_\_\_\_

Check #: \_\_\_\_\_ Person or Institution the check is drawn on: \_\_\_\_\_

Address of Person or Institution: \_\_\_\_\_

Credit Card Payment: VISA \_\_\_\_\_ MC \_\_\_\_\_ AMEX \_\_\_\_\_ Cardholder's Name: \_\_\_\_\_

Acc. #: \_\_\_\_\_ Expiration Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Amount in US \_\_\_\_\_

**Mailing Instructions**

**Receipt Deadline: April 4, 1996**

Room assignments will be issued on-site.

Mail completed form and check for the total amount (payable to Society for Developmental Biology) to:

**Annual Symposium Registration, SDB, 9650 Rockville Pike, Bethesda, MD 20814-3998**

Badges and Program/Abstract Book will be available at the Symposium. Please enclose a self-addressed stamped postcard for acknowledgment of Symposium and Housing/Meal Registration receipts. We will not be able to verify Pre-registration or Housing request receipts by phone.

**Society for Developmental Biology  
1996 Annual Symposium Abstract Form**

**Deadline for Receipt:  
February 29, 1996**

**SMALLEST RECOMMENDED  
TYPE SIZE: 10 POINT**

The abstracts will be published in  
the May issue of  
Developmental Biology

**DO NOT FOLD THE FORM**

Instructions

Include in your abstract:  
title, authors and  
respective affiliations.  
Skip one line and begin text.  
Please keep printed part  
within blue margins.

**FACSIMILE COPIES WILL  
NOT BE ACCEPTED**

Presenting / first Authors: (Please type or print):

Full Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone \_\_\_\_\_

FAX \_\_\_\_\_

E-Mail \_\_\_\_\_

Presenting author's signature \_\_\_\_\_

Check Box for presenting/first author:

- |  |  |
|--|--|
| <input type="checkbox"/> SDB Member  | <input type="checkbox"/> Post-doc (degree year ____) |
| <input type="checkbox"/> Graduate student  | <input type="checkbox"/> Undergraduate student       |
| <input type="checkbox"/> Do you wish this paper to be considered for<br>contributed paper sessions?  |  |
| <input type="checkbox"/> Do you wish to be considered in the Best Poster<br>Competition? <i>For students and post docs who are<br/>SDB members only.</i> |  |

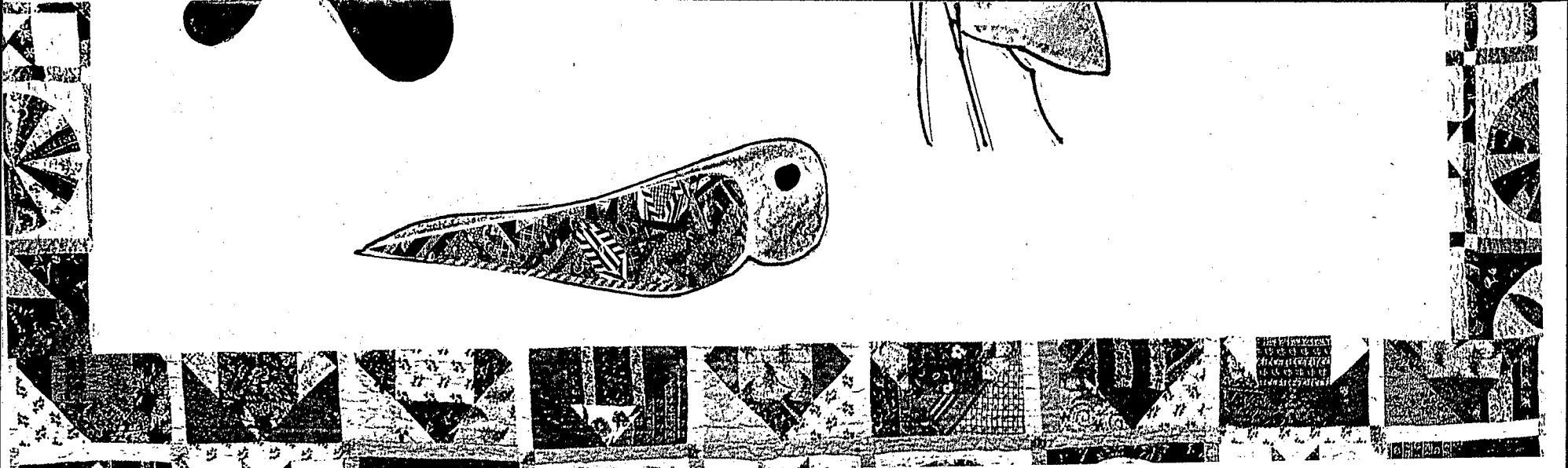
Theme Selection (check one only):

- |   |   |
|---|---|
| <input type="checkbox"/> Localization & determinants    | <input type="checkbox"/> Patterning             |
| <input type="checkbox"/> Evolution & development        | <input type="checkbox"/> Microbial systems      |
| <input type="checkbox"/> Fertilization & egg activation | <input type="checkbox"/> Organogenesis          |
| <input type="checkbox"/> Signalling mechanisms          | <input type="checkbox"/> Regeneration           |
| <input type="checkbox"/> Body plan & segmentation       | <input type="checkbox"/> Neurogenesis           |
| <input type="checkbox"/> Cell interactions              | <input type="checkbox"/> Developmental genetics |
| <input type="checkbox"/> Plant development              | <input type="checkbox"/> Inductive mechanisms   |
| <input type="checkbox"/> Cell lineage                   | <input type="checkbox"/> Cancer                 |
| <input type="checkbox"/> Morphogenesis                  | <input type="checkbox"/> Other _____            |

Presenters wishing to use VCR MUST include written request indicating the equipment required. Presenters will be billed and must pay for equipment rental and hook-up fee in advance.

**MAILING INSTRUCTIONS**

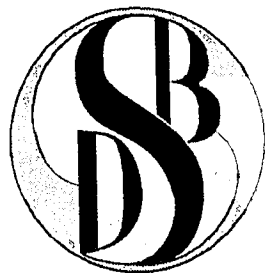
Original form and 4 copies. No abstract fee for presenting/first authors who are SDB members (limit-1 abstract per member as first author). Abstract processing fee of U.S. \$30.00 per abstract, payable to S.D.B. for non-members. Mail to: SDB, attn: 1996 SDB Symposium, 9650 Rockville Pike, Bethesda, Maryland 20814-3998. FAX submission will NOT be accepted. Please enclose a stamped, self-addressed postcard for acknowledgment of abstract receipt. Phone verifications will not be available.



**EVOLUTION OF DEVELOPMENTAL MECHANISMS  
SIGNALING AND PATTERNING MECHANISMS  
LOCALIZATION AND DETERMINANTS  
PATTERNING IN EMBRYOGENESIS  
MOLECULAR ANALYSIS OF REGENERATION  
PLANT DEVELOPMENT  
MOLECULAR BASIS OF ORGANOGENESIS**

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**FERTILIZATION AND EGG ACTIVATION  
TRANSCRIPTIONAL CONTROL OF DEVELOPMENT  
DEVELOPMENTAL GENETICS  
MORPHOGENESIS**



For additional information contact:

Society for Development Biology, 9650 Rockville Pike, Bethesda, MD 20814-3998

Tel.: (301) 571-0647

FAX: (301) 530-7049

Web: <http://sdb.bio.purdue.edu>